

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR DETECTING RUB IN A TURBOMACHINE

- ☒ the specification of which is attached hereto OR
☐ was filed on _____ as Application Serial No. _____
☐ or PCT International Application Number _____ and was amended on _____
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED
				Yes No
				Yes No
				Yes No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Practitioners at Customer Number 23413; Christian G. Cabou (Reg. No. 35,467, Donald S. Ingraham (Reg. No. 33,714), Patrick K. Patnode (Reg. No. 40,121); Penny Clarke (Reg. No. 46,627); Jean Testa (Reg. No. 39,396); Bernadette M. Bennett (Reg. No. 44,532); Toan Vo (Reg. No. 43,225) and Ann Agosti (Reg. No. 37,372), Andrew J. Caruso (Reg. No. 48,520), Paul J. DiConza (Reg. No. 48,418), David C. Goldman (Reg. No. 34,336), Robert P. Santandrea (Reg. No. 45,072), John F. Thompson (Reg. No. 43,953) all of General Electric Company, One Research Circle, Bldg. K-1, Niskayuna, NY 12309; Henry J. Policinski, (Reg. No. 26, 621); and Catherine Winter, (Reg. No. 38,364) all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431-0001, jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Customer No. 23413, Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002, Telephone No. (860) 286-2929.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor: **Abhay Sudhakar Rao Kant**

Inventor's signature: Abhay Kant Date: 13 . NOV . 2003

Residence: 35, 1st Main , Domlur Layout, Domlur Bangalore, Karnataka, India 560071

Citizenship: India

Post Office Address: 35, 1st Main , Domlur Layout, Domlur Bangalore, Karnataka, India 560071

Full name of second joint inventor: **Vivek Venugopal Badami**

Inventor's signature: _____ Date: _____

Residence: 731 Huntingdon Drive, Schenectady, NY 12309

Citizenship: India

Post Office Address: 731 Huntingdon Drive, Schenectady, NY 12309

Full name of third inventor: **Joseph Robert Toth**

Inventor's signature: _____ Date: _____

Residence: 314 Morning Glory Trail, Powder Springs, GA 30127

Citizenship: USA

Post Office Address: 314 Morning Glory Trail, Powder Springs, GA 30127

Full name of fourth inventor: **Nicholas Giannakopoulos**

Inventor's signature: _____ Date: _____

Residence: 3694 Autumn View Drive, Acworth, GA 30101

Citizenship: USA

Post Office Address: 3694 Autumn View Drive, Acworth, GA 30101

Full name of fifth inventor: **Mark M. Dimond**

Inventor's signature: _____ Date: _____

Residence: 5225 Amberton Pass, Powder Springs, GA 30127

Citizenship: USA

Post Office Address: 5225 Amberton Pass, Powder Springs, GA 30127

Full name of sixth inventor: **Jitendra Kumar**

Inventor's signature: _____ Date: _____

Residence: 2475 Brookshire Dr., Apt. #27, Niskayuna, NY 12309

Citizenship: India

Post Office Address: 2475 Brookshire Dr., Apt. #27, Niskayuna, NY 12309

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Full name of sole or first joint inventor: **Abhay Sudhakar Rao Kant**

Inventor's signature: _____ Date: _____

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Citizenship: India

Post Office Address: 35, 1st Main , Domlur Layout, Domlur Bangalore, Karnataka, India 560071

Full name of second joint inventor: **Vivek Venugopal Badami**

Inventor's signature: _____ Date: _____

Residence: 731 Huntingdon Drive, Schenectady, NY 12309

Citizenship: India

Post Office Address: 731 Huntingdon Drive, Schenectady, NY 12309

Full name of third inventor: Joseph Robert Toth

Inventor's signature: Joseph R. Toth Date: 10/17/2003

Residence: 314 Morning Glory Trail, Powder Springs, GA 30127

Citizenship: USA

Post Office Address: 314 Morning Glory Trail, Powder Springs, GA 30127

Full name of fourth inventor: Nicholas Giannakopoulos

Inventor's signature: Nicholas Giannakopoulos Date: 10/17/2003

Residence: 3694 Autumn View Drive, Acworth, GA 30101

Citizenship: USA

Post Office Address: 3694 Autumn View Drive, Acworth, GA 30101

Full name of fifth inventor: Mark M. Dimond

Inventor's signature: Mark M. Dimond Date: 10/17/2003

Residence: 5225 Amberton Pass, Powder Springs, GA 30127

Citizenship: USA

Post Office Address: 5225 Amberton Pass, Powder Springs, GA 30127

Full name of sixth inventor: Jitendra Kumar

Inventor's signature: _____ Date: _____

Residence: 2475 Brookshire Dr., Apt. #27, Niskayuna, NY 12309

Citizenship: India

Post Office Address: 2475 Brookshire Dr., Apt. #27, Niskayuna, NY 12309

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Citizenship: India

Post Office Address: 35, 1st Main, Domlur Layout, Domlur Bangalore, Karnataka, India 560071

Full name of second joint inventor: **Vivek Venugopal Badami**

Inventor's signature: *Vivek Venugopal Badami* Date: 10/8/03

Residence: 731 Huntingdon Drive, Schenectady, NY 12309

Citizenship: India

Post Office Address: 731 Huntingdon Drive, Schenectady, NY 12309

Full name of third inventor: **Joseph Robert Toth**

Inventor's signature: _____ Date: _____

Residence: 314 Morning Glory Trail, Powder Springs, GA 30127

Citizenship: USA

Post Office Address: 314 Morning Glory Trail, Powder Springs, GA 30127

Full name of fourth inventor: **Nicholas Giannakopoulos**

Inventor's signature: _____ Date: _____

Residence: 3694 Autumn View Drive, Acworth, GA 30101

Citizenship: USA

Post Office Address: 3694 Autumn View Drive, Acworth, GA 30101

Full name of fifth inventor: **Mark M. Dimond**

Inventor's signature: _____ Date: _____

Residence: 5225 Amberton Pass, Powder Springs, GA 30127

Citizenship: USA

Post Office Address: 5225 Amberton Pass, Powder Springs, GA 30127

Full name of sixth inventor: **Jitendra Kumar**

Inventor's signature: Jitendra Kumar Date: 10/8/03

Residence: 2475 Brookshire Dr., Apt. #27, Niskayuna, NY 12309

Citizenship: India

Post Office Address: 2475 Brookshire Dr., Apt. #27, Niskayuna, NY 12309